Glue Cheat Sheet

by gerits via cheatography.com/25702/cs/6825/

Command Line Execution

glue.bat / glue.sh *[parameters]* **script.glue**
parameters:
- path=*string;string;...*
- debug=*boolean*
- trace=*boolean*
- markdown=*boolean*

Data Types

integer	-256
decimal	-256.15
string	"string", 'string'
boolean	true, false
arrays	[*value*, ...]
tuple	(*value*, ...) [1]
map	map(*key1*, *key2*, tuple(*value1*, *value2*), tuple(*value1*, *value2*))[2]
resource	string('*filename*')

[1] immutable array
[2] access tuple in map can be done like this:
for (*record* : *map*)
  echo(*record*[*key1*])

Statements

If Statement

```
if (expression)
    sta tements
```

Switch Statement

```
switch (expression)
   case value
        sta tements
   case value
        sta tements
```

For Loop

```
for (list)
    sta tem ent s($ value)
for (val : list)
    sta tem ent s(val)
for (10)
    sta tem ent s($ index)
```

Test Methods

confirm/**validate**Null(*message*, *result*)	confirm/validate the *result* is null[1]
confirm/**validate**True(*message*, *result*)	confirm/validate *result* equals 'true'[1]
confirm/**validate**Matches(*message*, *regex*, *actual*)	confirm/validate the *actual* value matches the given regex[1]
confirm/**validate**Contains(*message*, *regex*, *actual*)	confirm/validate the *actual* value contains the given regex[1]
confirm/**validate**Equals(*message*, *expected*, *actual*)	confirm/validate the *actual* value is equal to the *expected* value[1]
not(*boolean*)	inverse the value of the *boolean*

[1] confirm methods stops the script when result is false
validate methods continue the script when result is false

Script Methods

String Methods (cont)

replace(*regex*, *replacement*, *strings*)	replaces regex with *replacement* in the given strings
find(*regex*, *strings*)	find the regex in the given strings
lines(*strings*)	return the number of lines in *strings*
columns(*strings*)	return the number of columns in *strings*, splitted by '\t' and ';'
trim(*strings*)	removes leading and trailing spaces
join(*separator*, *strings*)	combines given strings adding the *separator* in between
split(*regex*, *strings*)	splits the given *strings* using the *regex*

echo(*messages*)	show the messages in the terminal
debug(*messages*)	show the messages when in debug mode

String Methods	
padRight(*pad*, *len*, *strings*)	add character to end of string until *len* is reached
padLeft(*pad*, *len*, *strings*)	add character to beginning of string until *len* is reached
pad(*pad*, *len*, *location*, *strings*)	add character to *location* of string until *len* is reached
upper(*strings*)	uppercases the strings
lower(*strings*)	lowercases the strings
substring(*string*, *start*, *stop*)	retrieves a substring of the given string



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